

ISO TC184/SC4/WG10

PWI: SC4 Data Architecture
London, 1998-05-05/07

1998-05-05

ISO TC184/SC4/WG10 N170

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Agenda

- Introductions
- Confirm agenda
- Goals of the workshop
- PWI project deliverables
 - ⇒ identify deliverables
 - ⇒ schedules
 - ⇒ resources

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Agenda (continued)

- Architecture overview
- Migration plan/roadmap
- High level (integration) model
- Mapping high level model to EPISTLE framework, STEP resources, APs
- Assignment of actions
- Agenda for Bad Aibling meeting
- Any other business
- Close

PWI Deliverables

- Business requirements
- Technical requirements
- Inputs:
 - ⇒ Fowler “Functional Requirements” paper (N122)
 - ⇒ Shaw “Requirements on a data architecture for SC4 standards” (N136)
 - ⇒ West, Fowler “The Nature of Industrial Data” (N64)
 - ⇒ West “IIDEAS” (N85)
 - ⇒ Ishikawa “Proposals for STEP/SC4 AP Framework and Related Recommendation” (N144)
 - ⇒ Vaughan “Industrial Information Model - White Paper” (N139)

PWI Deliverables (contd)

○ How it works

- ⇒ What it is - “how does it solve the problem”
- ⇒ Matthew’s presentation (N148)
- ⇒ High level data model (N134+N154)

PWI Deliverables (contd)

○ Methodology - “How to turn the handle”

- ⇒ models
- ⇒ data types
- ⇒ mappings
- ⇒ API specs
- ⇒ conformance

○ Methods, Guidelines, Procedures

PWI Deliverables (contd)

○ How it is used

- ⇒ Wenzel (N147) + Fowler comments (N149)
- ⇒ How it could be implemented (West, N153; PIPPIN demonstrator)
- ⇒ Usage scenarios
 - AP203/PLIB
 - TAMMIKI (15926 + APs)
 - APs based on different editions of the IRs
 - “Class libraries” (reference data) - PLIB, AP221, ISO 15926
 - Integration with documents (SGML/Industrial Data PWI)

Exploitation roadmap (NWI)

- Milestones
- Optional migration
- Dependency diagram for architectural elements
- Plan/schedule for architectural elements
- Mapping of IRs, other current SC4 models ...
- Mapping of EPISTLE

- Relationship/liaison with PPC, Change Management ...